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IN THE CLAIMS

21. (Allowed) A roll of water dissolvable, self-wound tape comprising a first abherent layer comprising a first, water dissolvable, continuous phase and a second, non-dissolvable, discontinuous phase, a second substrate layer comprising a first, water dissolvable, continuous phase and a second, non-dissolvable, discontinuous phase, and a third layer comprising a water dissolvable pressure sensitive adhesive continuous phase and a second, non-dissolvable, discontinuous phase wound upon a core;

wherein the water dissolvable, continuous phase substrate has a first surface and a second surface,

wherein the water dissolvable, continuous phase adhesive layer is on the first surface of the substrate,

wherein the water dissolvable, continuous phase abherent layer is on the second surface of the substrate, and

wherein the water dissolvable continuous phase of the abherent layer comprises lecithin, and the discontinuous, non-dissolvable, discontinuous phase comprises polymethyl siloxane;

wherein the water dissolvable continuous phase of the substrate layer comprises a soluble starch, and the discontinuous phase

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comprises cellulose fibers,

wherein the water dissolvable, continuous phase adhesive layer comprises an ionic salt of poly-acrylic acid and the non-dissolvable, discontinuous phase comprises a nondissolvable, high molecular weight acrylic acid.

26. (New) A self-wound, water dissolvable, tape, comprising:

a water dissolvable, continuous phase substrate having a first surface and a second surface,

a water dissolvable, continuous phase adhesive layer on the first surface of the substrate, and

a water dissolvable, continuous phase adherent layer on the second surface of the substrate wherein the adherent layer comprises silicones,

wherein the water dissolvable, continuous phase adhesive layer is at least one organic compound incorporating one or more high polarity function groups selected from the group consisting an alcohol functionality, a ketone functionality, and an aldehyde functionality.

27. (New) A tape according to claim 26 wherein the substrate includes a water insoluble, discontinuous phase.

28. (New) A tape according to claim 26 wherein the adhesive layer

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includes a water insoluble, discontinuous phase.

29. (New) A tape according to claim 26 wherein the adherent layer includes a water insoluble discontinuous phase.

30. (New) A tape according to claim 26 wherein the water dissolvable, continuous phase substrate comprises a soluble starch.

31. (New) A tape according to claim 26 wherein the water dissolvable, continuous phase adhesive layer comprises an ionic salt of a polyacrylic acid.

32. (New) A tape according to claim 26 wherein the water dissolvable, continuous phase adherent layer comprises lecithin.

33. (New) A tape according to claim 26 wherein the substrate includes a water insoluble, discontinuous phase of cellulose fibers.

34. (New) A tape according to claim 26 wherein the adherent layer includes a water insoluble discontinuous phase of polymethyl siloxane.

35. (New) A tape according to claim 30 wherein the soluble starch comprises cationic corn starch.